



Date of Application, 15th Aug., 1892

Complete Specification Left, 23rd Nov., 1892—Accepted, 31st Dec., 1892

PROVISIONAL SPECIFICATION.

Improvements in Feeding Bottles, Soothing Teats, Teething Pads, and such like articles used by Infants.

HYPPOLITE BESSON of 63 Alexandra Road Hornsey in the County of Middlesex Mechanical Engineer and WILLIAM CHARLES HAWTIN of 26 Norman Terrace Selby Road Leytonstone Essex, Foreman do hereby declare the nature of this invention to be as follows :—

5 Firstly, our invention relates to better means to assure or help the breathing of the infant while drawing or sucking milk or such like food from a feeding bottle or when using soothing or teething teats.

Secondly, relates to better means to protect the glass tube, which hangs inside the feeding bottle, from breaking, and also to prevent any thick sediment to pass
10 up the glass tube.

The first part of our invention consists of a small shield or protector formed with corrugations or having rising surfaces and hollows so that the lips of the infant can only come in contact with the said projecting surfaces in sucking while the hollows caused by the said projecting surfaces will allow air to circulate freely
15 during teething or sucking.

The second part of our invention consists of a hollow bulb or balloon, spherical or oval shape, or any such convenient shape, fitted to bottom end of glass tube which hangs in feeding bottles. The bulb has very fine perforations or slits, made thro' the thickness of its surfaces, so as to intercept all thick substance or sediment,
20 but will allow milk or such like food, pass freely, or we may replace the perforation by fitting to the bulb or part of it, a small sieve.

Dated this Fifteenth day of August 1892.

H BESSON.
W. C. HAWTIN.

25 COMPLETE SPECIFICATION.

Improvements in Feeding Bottles, Soothing Teats, Teething Pads, and such like articles used by Infants.

HYPPOLITE BESSON Mechanical Engineer of 63 Alexandra Road, Hornsey County of Middlesex and WILLIAM CHARLES HAWTIN Foreman of 26 Norman
30 Terrace Selby Road Leytonstone County of Essex, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

Our invention firstly relates to better means to assure or help the breathing of the infants while drawing or sucking milk or such like food from a feeding bottle
35 or when using a soothing teat or teething pad.

Also our invention secondly relates to better means to protect the glass tube which hangs inside the bottle from grinding or breaking by coming in contact with the feeding bottle and also to prevent any thick sediment to pass up the tube.

In order that our said invention may be fully understood and readily carried into
40 effect, we will now proceed to describe the invention with the drawings hereunto annexed in which the same letters indicate like parts.

The first part of our invention consists of a small pad or ring or breathing protector P. Fig. 2 and 5 formed with corrugations or rising surfaces *a, a*, and hollows *b, b* so that the lips of the infant can only come in contact with the said
45 rising surfaces *a, a* when sucking, while the hollows *b, b* caused by the said projecting surfaces, will allow the air to circulate and pass freely during breathing or sucking.

[Price 8d.]

Besson & Hawtin's Improvements in Feeding Bottles, Soothing Teats, &c.

The pad, ring, or breathing protector P as seen in Fig. 1 and 4 is fitted round the teat T and rests upon the bone shield S but in some cases we may fix it to the teat as shewn in Fig. 7 by forming a stem *g*, with annular rim or projection *g*¹ Fig. 2, 5 and 7, this said stem is held with the stem of the teat T by the bone shield S which passes over both, to fit in the hollow of the glass union *u*. 5

The shape of the rising surfaces *a*, *a* and hollows *b* *b* formed upon the pad or ring, can be varied so as to obtain the best result to allow breathing, they may be formed of small cubes, pyramids, cylinders, semi spheres, or oval or round forms, or weaved ribs, or any such combined shapes.

The outline of the pad, ring or breathing protector, may be round, oval, square, 10 triangular, star outline, or any such combined outline.

The pad ring or breathing protector may be manufactured of any of the following materials india rubber, gutta percha, vulcanite, celluloid, porcelain, ivory, bone, or metal.

The second part of our invention consists of an enlarged bulb L Fig. 8 made 15 of india rubber, or any such elastic compressive material, having several leach bite or other shape holes *o*, *o* made through the thickness of its form, it has a stem *g* in which the inner glass tube which hangs in feeding bottle, can be fitted, the enlarged bulb may be made spherical, semi-spherical, or balloon shape, or any such shape which presents a very enlarged diameter, so as to obtain the best result to protect 20 the inner glass tube, when coming in contact with the feeding bottle.

We would remark here, that the shape of the enlarged bulb really protects the inner glass tube from breaking, as no matter how hard the inner tube is jerked in the bottle, the glass tube can in no case touch it.

Having thus fully described the nature of our invention, and the manner by 25 which it is performed, we declare that we claim.

1. A corrugated pad, ring, or breathing protector, having rising surfaces, and hollows, or the like, formed substantially as and for the purpose herein described and illustrated by the accompanying drawings.

2. A bulb or glass tube protector, having an enlarged diameter, substantially as 30 and for the purpose herein described and illustrated by the accompanying drawings.

Dated this 23rd day of November 1892.

HYPOLITE BESSON.

WILLIAM CHARLES HAWTIN. 35



FIG. 1.

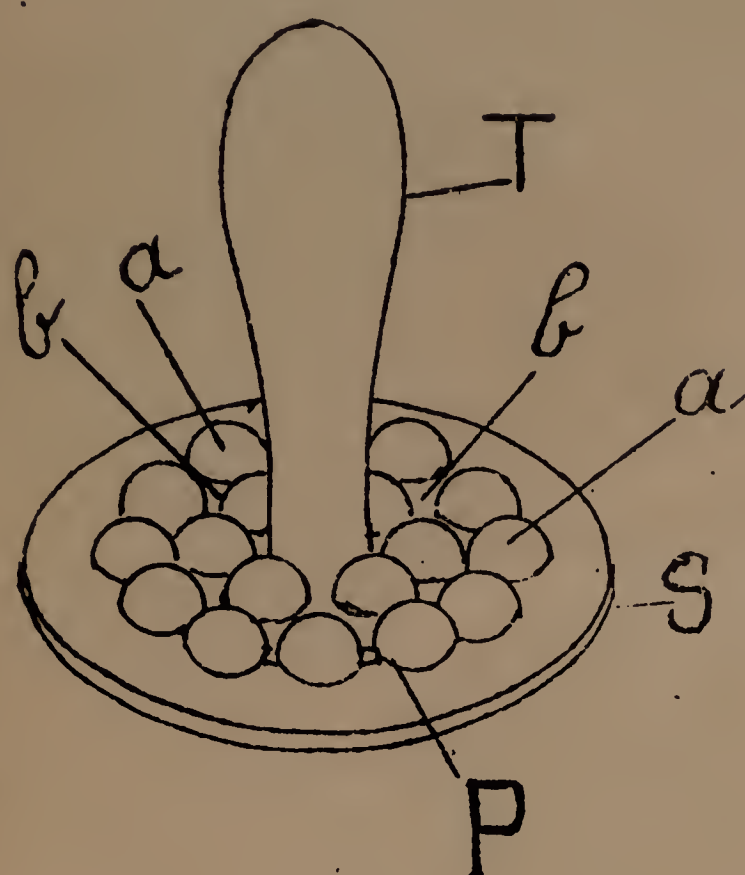


FIG. 4.

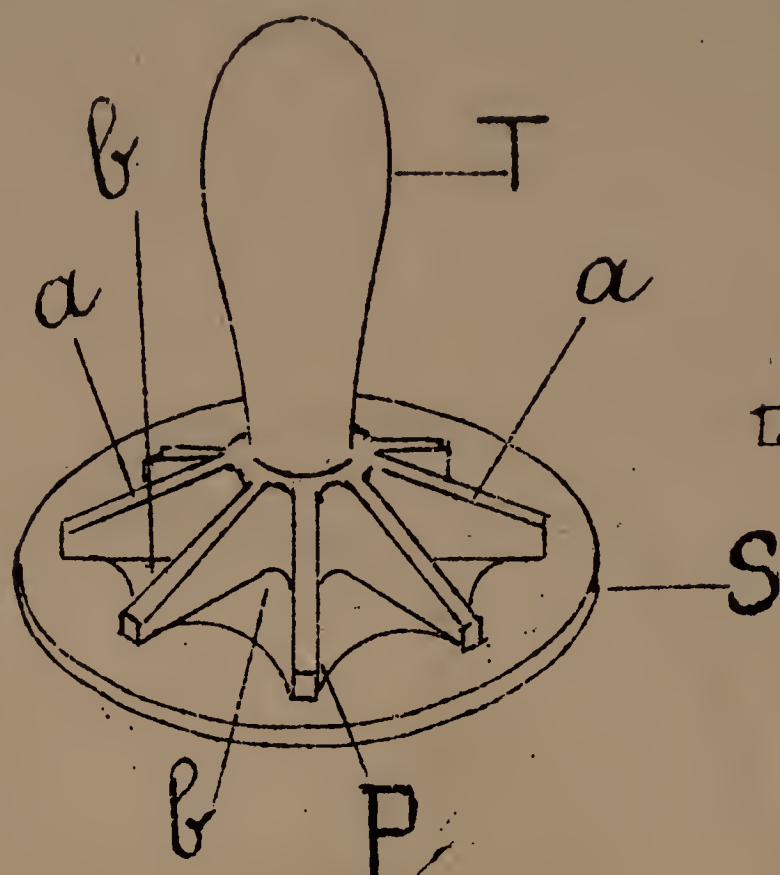


FIG. 7.

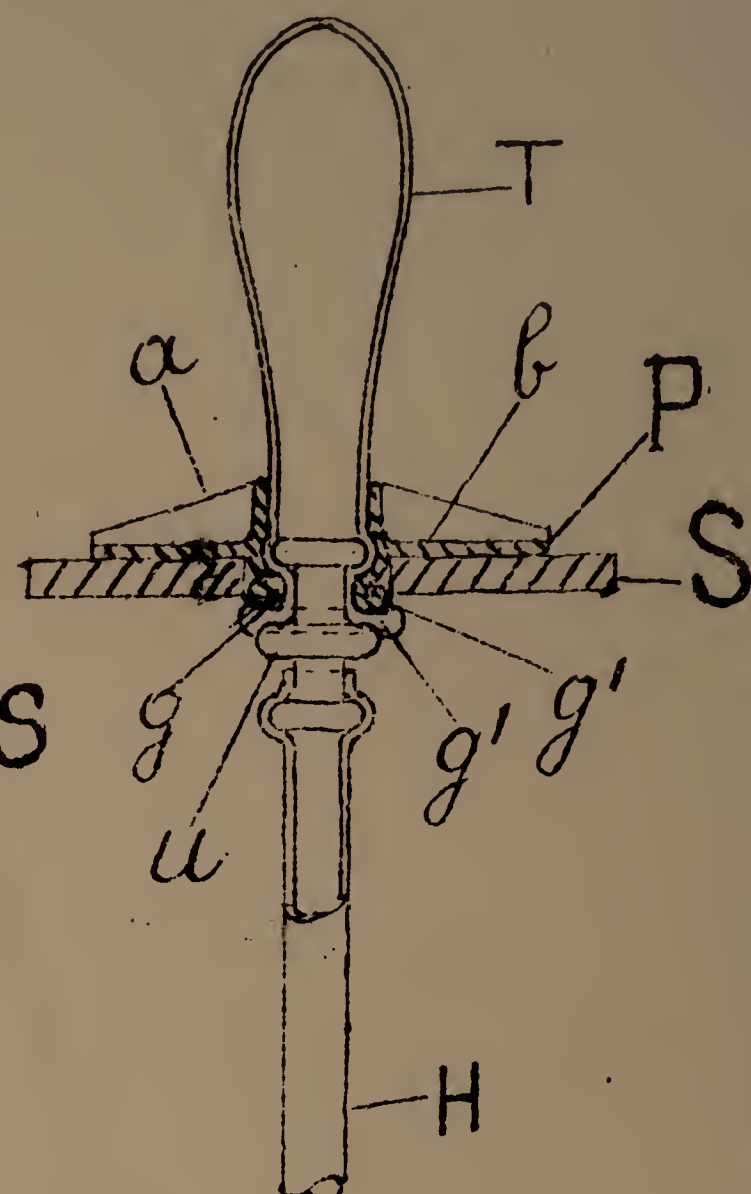


FIG. 2.

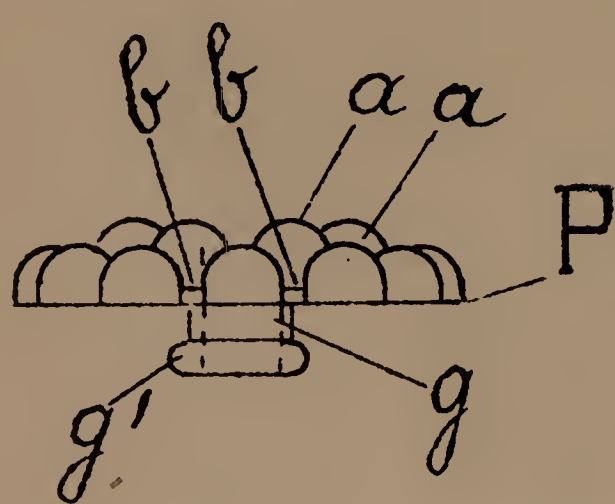


FIG. 5.

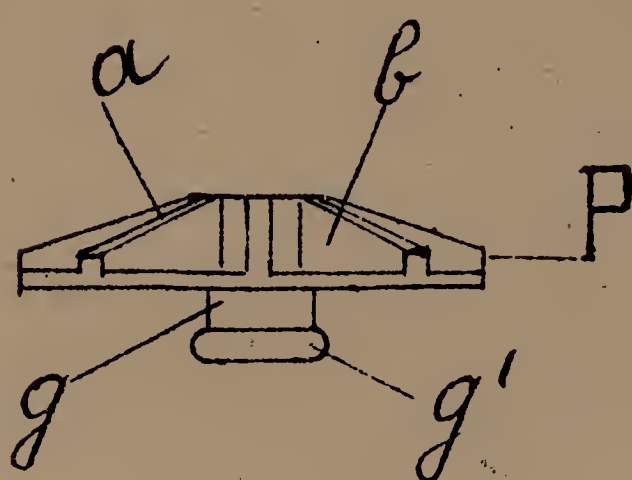


FIG. 8.

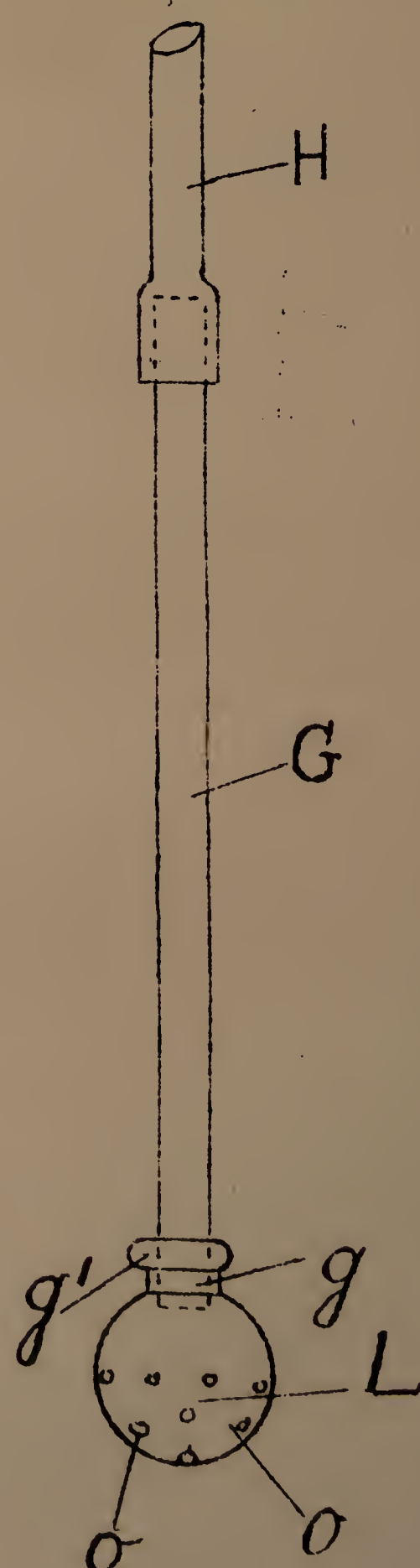


FIG. 3.

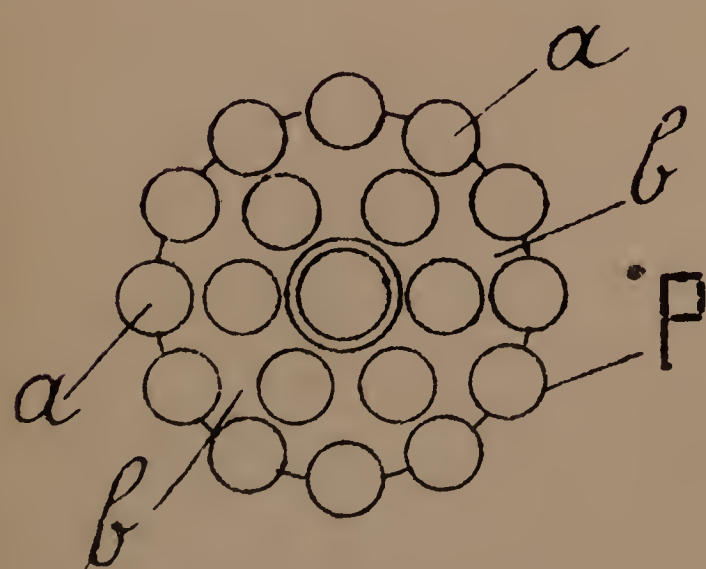
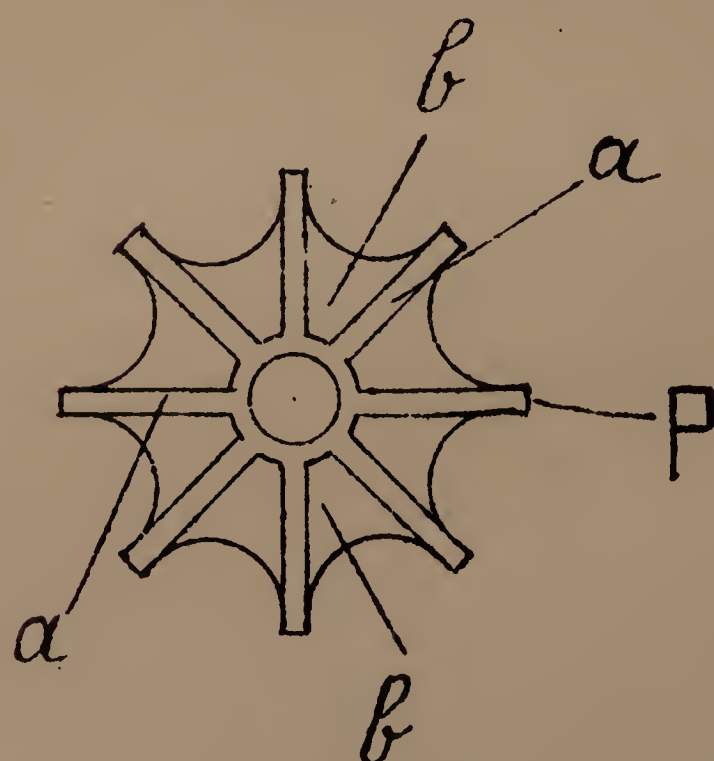


FIG. 6.



[This Drawing is a reproduction of the Original on a reduced scale]

